

2010-12-27 Monday Morning Notes

Monday, December 27, 2010

7:42 AM

Stacking and Transfer

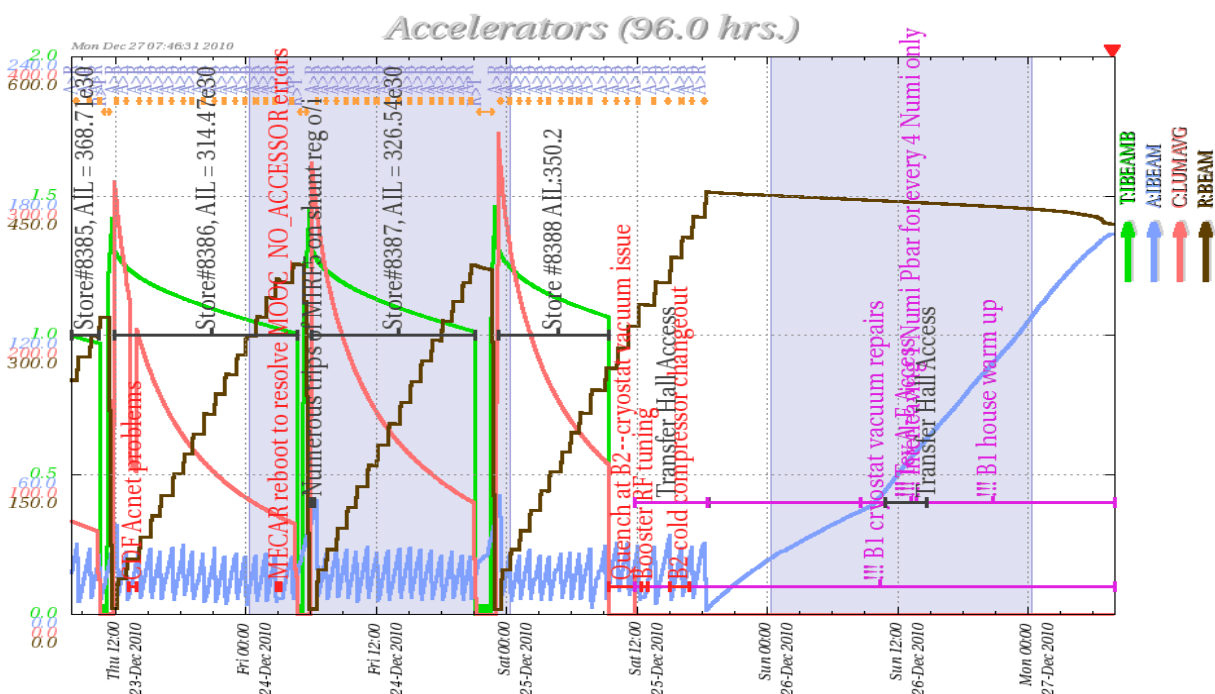
Interesting Happenings

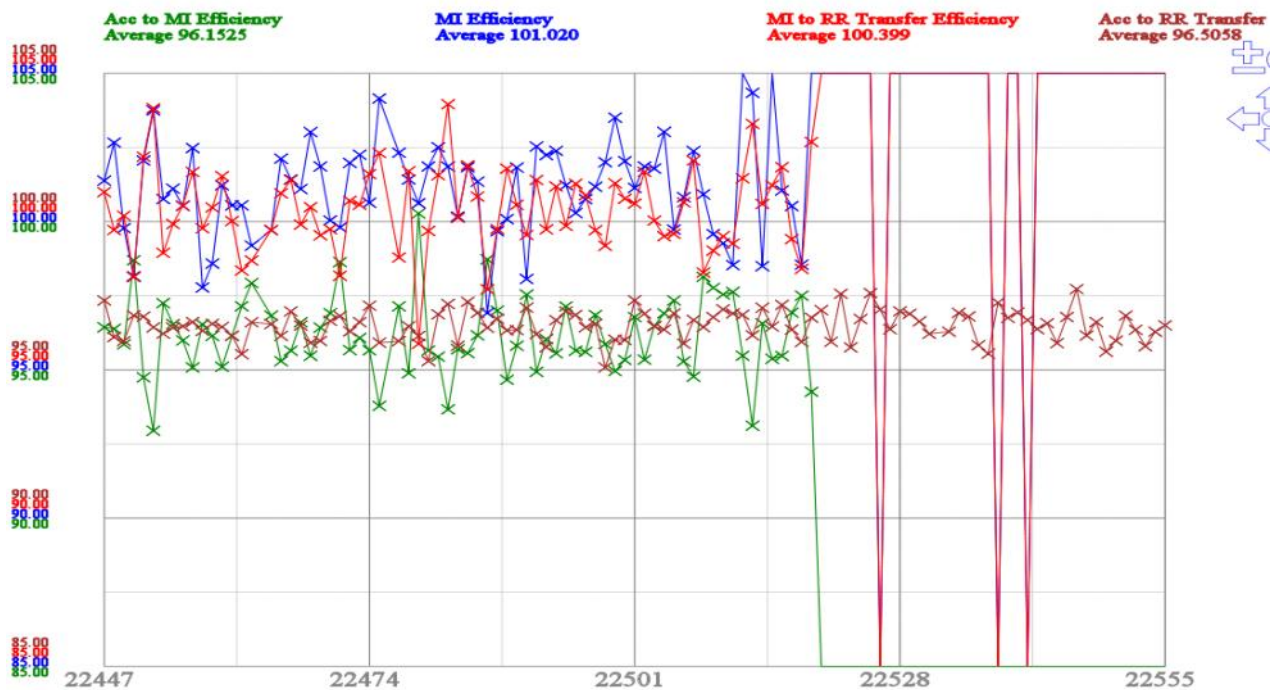
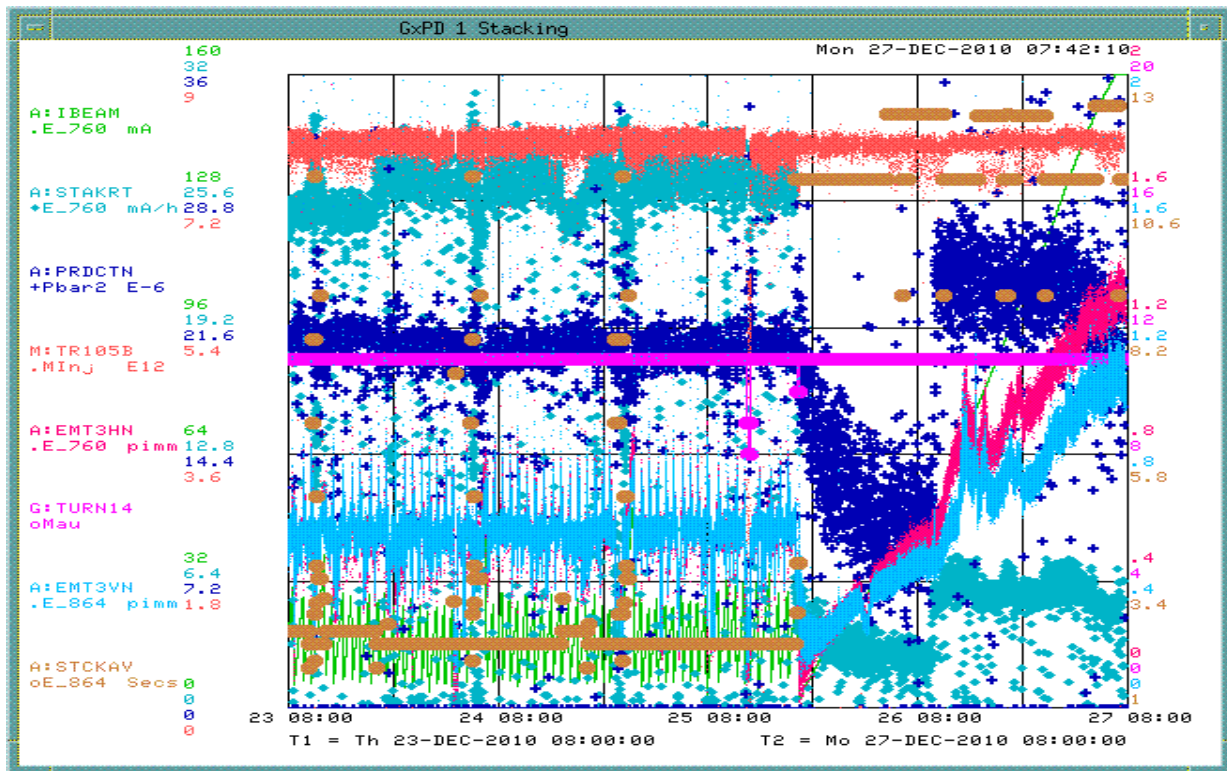
- Pbar 95 LCW supply pressure readback is on the fritz.
- Christmas Tevatron Failure: Store 8388 ended when the vacuum at B21 went bad causing a quench in the B22 cell. Vacuum experts were not able to recover the vacuum well enough to run, so we are warming the B1 house to room temperature for repairs. The leak seems to be either the quad at B21-1, the spool at B21-1A, or the Double turn around box (or last choice since changing this device requires warm up of B2 as well).

Pasted from <<http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=tev10&action=view&page=last&frame=2&anchor=&hilit=&load=>>

Numbers

Plots





Column 1 Number _0_Pbar Transfer Shot #	Column 4 Number_3 Transfer Time	Column 21 Number _20_A-I BEAMS sampled on \$91 (A-BEA M7), E10	Column 22 Number _21_A-I BEAMS sampled on \$94 (A-BEA M9), E10	Unstacked (mA)	Column 23 Number _22_R: BEAMS (R-BEA ME0[0]) pre E10	Column 24 Number _23_R: BEAM (R-BEA ME0[1]) post E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to MI2 Eff	Acc to MI * Acc to MI2 Efficiency	Trans fers	Sets	Column 5 Number _4_Acc Horizontal Emittanc e	Column 6 Number _5_Acc Vertical Emittanc e	Column 8 Number _7_Acc Longitu dinal Emittanc e	
	Totals =>			1322.96			1276.83	96.51%	37.98%	97.53%	37.04%	164	54	5.3811	5.1615	1.9292	
	Daily Average =>			330.74			319.21					41	14				
22555	Saturday, December 25, 2010	18:17	30.80	1.88	29.39	427.05	454.90	28.30	96.30%	7.60%	97.93%	7.44%	3	1	3.066	2.821	1.834
22554	Saturday, December 25, 2010	17:05	29.21	7.28	24.60	405.30	428.55	23.66	96.19%	9.71%	97.92%	9.51%	3	1	5.863	5.565	1.929
22553	Saturday, December 25, 2010	16:06	29.01	7.57	24.11	383.69	406.39	23.12	95.90%	11.87%	96.54%	11.46%	3	1	5.558	5.53	1.953
22552	Saturday, December 25, 2010	15:04	34.12	6.27	29.69	356.56	384.72	28.53	96.10%	6.23%	97.58%	6.07%	3	1	4.858	4.794	1.882
22551	Saturday, December 25, 2010	13:39	29.09	4.53	26.32	332.53	357.71	25.49	96.82%	12.78%	97.60%	12.48%	3	1	4.911	4.507	1.857
22550	Saturday, December 25, 2010	12:07	29.52	6.19	25.41	309.74	333.74	24.35	95.86%	14.00%	96.93%	13.57%	3	1	5.309	5.155	1.89
22549	Saturday, December 25, 2010	11:10	30.71	7.94	25.49	286.49	310.50	24.38	95.65%	4.73%	96.03%	4.54%	3	1	5.878	5.568	1.939
22548	Saturday, December 25, 2010	10:12	30.72	9.60	23.60	264.66	287.13	22.79	96.54%	4.02%	97.24%	3.91%	3	1	5.287	5.311	1.953
22547	Saturday, December 25, 2010	9:06	29.63	6.41	25.34	241.15	265.26	24.32	95.97%	7.52%	98.20%	7.38%	3	1	5.389	4.973	1.901
22546	Saturday, December 25, 2010	7:43	28.16	3.00	26.03	216.52	241.72	25.39	97.52%	14.88%	100.77%	15.00%	3	1	4.026	3.824	1.838
22545	Saturday, December 25, 2010	6:44	26.45	6.74	22.39	195.50	216.89	21.68	96.83%	4.44%	96.92%	4.30%	3	1	5.729	5.532	1.947
22544	Saturday, December 25, 2010	5:53	26.71	6.83	22.60	174.38	195.81	21.63	95.73%	13.03%	95.76%	12.48%	3	1	5.671	5.497	1.936
22543	Saturday, December 25, 2010	5:01	26.43	6.81	22.30	153.20	174.57	21.59	96.80%	5.20%	97.31%	5.06%	3	1	5.283	5.307	1.96
22542	Saturday, December 25, 2010	3:56	25.27	6.37	21.56	132.79	153.43	20.78	96.39%	7.43%	98.35%	7.31%	3	1	5.643	5.417	1.963
22541	Saturday, December 25, 2010	3:05	25.67	6.47	21.88	112.03	132.98	21.12	96.53%	9.52%	95.73%	9.11%	3	1	5.773	5.564	1.952
22540	Saturday, December 25, 2010	2:07	27.60	6.91	23.20	89.97	112.18	22.44	96.74%	15.33%	98.16%	15.05%	3	1	5.652	5.517	1.953
22539	Saturday, December 25, 2010	1:11	24.94	6.56	21.08	69.89	90.11	20.38	96.71%	5.31%	96.86%	5.15%	3	1	5.786	5.36	1.943
22538	Saturday, December 25, 2010	0:20	26.27	5.52	22.71	48.07	69.97	22.03	97.00%	3.50%	97.01%	3.39%	3	1	4.824	4.863	1.921
22537	Friday, December 24, 2010	23:28	51.36	8.48	45.56	5.24	48.23	43.41	95.29%	10.29%	97.54%	10.04%	4	1	6.085	5.25	1.903
22536	Friday, December 24, 2010	20:41	24.86	6.43	21.16	356.77	376.70	20.27	95.80%	9.36%	97.16%	9.10%	3	1	5.64	5.137	1.974
22535	Friday, December 24, 2010	19:53	25.56	6.46	21.80	336.69	357.52	21.11	96.83%	7.11%	97.02%	6.90%	3	1	5.536	5.432	1.942
22534	Friday, December 24, 2010	19:00	26.85	6.56	23.00	315.38	337.36	22.30	96.94%	4.75%	96.89%	4.60%	3	1	5.622	5.414	1.926
22533	Friday, December 24, 2010	18:02	25.59	5.96	22.32	294.68	316.02	21.55	96.53%	13.08%	98.39%	12.87%	3	1	4.949	5.09	1.962
22531	Friday, December 24, 2010	16:04	27.74	6.33	23.97	250.33	273.15	23.01	96.00%	2.85%	97.43%	2.77%	3	1	5.374	4.964	1.949
22530	Friday, December 24, 2010	15:06	28.65	7.33	23.98	227.80	250.81	23.18	96.65%	14.78%	98.65%	14.58%	3	1	5.658	5.306	1.944
22529	Friday, December 24, 2010	14:10	28.76	7.24	24.23	204.97	228.21	23.45	96.76%	3.81%	96.72%	3.69%	3	1	5.73	5.376	1.936
22528	Friday, December 24, 2010	13:07	27.56	6.25	24.01	182.20	205.29	23.32	97.14%	10.78%	96.64%	10.42%	3	1	5.537	5.049	1.925
22527	Friday, December 24, 2010	12:06	26.66	5.71	23.21	160.23	182.48	22.41	96.56%	10.55%	98.79%	10.42%	3	1	5.132	4.915	1.913
22526	Friday, December 24, 2010	11:12	29.03	7.42	24.17	137.30	160.49	23.43	96.93%	3.31%	96.68%	3.20%	3	1	5.497	5.287	1.935
22525	Friday, December 24, 2010	10:11	26.75	5.52	23.30	115.10	137.55	22.69	97.36%	3.91%	95.93%	3.75%	3	1	5.037	5.066	1.899
22524	Friday, December 24, 2010	9:18	27.92	6.90	23.68	92.58	115.27	22.87	96.60%	1.75%	98.52%	1.73%	3	1	5.694	5.284	1.941
22523	Friday, December 24, 2010	8:24	28.87	7.25	24.26	69.69	92.86	23.31	96.07%	6.00%	98.03%	5.88%	3	1	5.862	5.446	1.946
22522	Friday, December 24, 2010	7:26	26.25	6.57	22.32	48.21	69.83	21.79	97.63%	8.68%	97.29%	8.44%	3	1	5.81	5.463	1.952
22521	Friday, December 24, 2010	6:32	49.05	7.89	44.94	5.85	48.38	42.99	95.67%	6.39%	97.23%	6.21%	4	1	6.457	5.851	1.896
22520	Friday, December 24, 2010	4:17	25.35	6.39	21.59	356.91	377.51	20.94	97.01%	5.86%	99.34%	5.83%	3	1	5.53	5.096	1.944
22519	Friday, December 24, 2010	2:42	24.78	5.16	21.87	340.23	361.00	21.14	96.67%	93.71%	98.58%	92.38%	3	1	5.207	4.981	1.926
22518	Friday, December 24, 2010	1:51	25.84	5.97	22.34	319.81	341.05	21.44	95.99%	97.32%	95.91%	93.34%	3	1	5.391	5.267	1.931
22517	Friday, December 24, 2010	0:55	25.35	6.13	21.86	299.67	320.49	21.02	96.18%	96.88%	96.92%	93.90%	3	1	5.726	5.35	1.937
22516	Thursday, December 23, 2010	23:57	24.51	4.08	22.24	278.77	300.21	21.61	97.16%	95.20%	96.21%	91.59%	3	1	4.563	4.596	1.912
22515	Thursday, December 23, 2010	23:07	25.83	6.47	22.10	258.16	279.17	21.25	96.17%	96.00%	99.59%	95.61%	3	1	5.293	5.198	1.953
22514	Thursday, December 23, 2010	22:03	24.85	4.47	22.37	236.94	258.55	21.76	97.27%	97.48%	95.76%	93.35%	3	1	4.946	4.521	1.913
22513	Thursday, December 23, 2010	21:09	25.63	5.09	22.50	215.59	237.24	21.71	96.47%	92.87%	97.22%	90.29%	3	1	5.292	4.987	1.913
22512	Thursday, December 23, 2010	20:07	25.80	5.30	22.84	194.04	215.85	22.12	96.84%	95.93%	99.98%	95.91%	3	1	5.128	5.183	1.91
22511	Thursday, December 23, 2010	19:05	26.69	6.54	22.85	172.34	194.30	22.16	97.00%	97.64%	96.70%	94.41%	3	1	5.488	5.485	1.94
22510	Thursday, December 23, 2010	18:16	27.33	8.19	21.81	151.59	172.58	21.16	97.05%	97.81%	97.16%	95.03%	3	1	5.515	5.366	2.002
22509	Thursday, December 23, 2010	17:16	28.72	6.25	25.07	127.64	151.84	24.31	96.97%	98.32%	97.99%	96.34%	3	1	5.327	5.078	1.922
22508	Thursday, December 23, 2010	16:09	26.82	6.59	22.85	105.93	127.87	22.09	96.67%	97.95%	99.06%	97.03%	3	1	5.411	5.406	1.945
22507	Thursday, December 23, 2010	15:14	28.47	7.13	23.97	83.18	106.08	23.18	96.69%	94.62%	97.41%	92.17%	3	1	5.608	5.575	1.969
22506	Thursday, December 23, 2010	14:13	28.83	7.11	24.35	60.00	83.28	23.36	95.92%	95.77%	96.90%	92.80%	3	1	5.324	5.364	1.963
22505	Thursday, December 23, 2010	13:02	26.68	6.13	23.11	38.04	60.17	22.37	96.82%	97.09%	96.57%	93.76%	3	1	5.533	5.442	1.952
22504	Thursday, December 23, 2010	12:10	38.67	8.15	32.99	6.36	38.11	31.78	96.32%	97.55%	99.30%	96.87%	3	1	5.81	5.225	1.898
22503	Thursday, December 23, 2010	10:33	25.53	6.01	22.18	298.90	320.04	21.40	96.46%	97.07%	98.34%	95.46%	3	1	5.185	5.051	1.907
22502	Thursday, December 23, 2010	9:40	28.05	6.71	23.94	276.69	299.46	23.19	96.86%	95.79%	97.13%	93.04%	3	1	5.219	5.242	1.943
22501	Thursday, December 23, 2010	8:31	30.33	5.62	26.55	251.85	277.33	25.79	97.15%	96.94%	97.93%	94.94%	3	1	4.959	4.875	1.904

